

s/n: 10/030,084
date: 6-23-03

6190 ((359/577,668,710,640,618,740,900) or (396/308,307) or (250/203.1,559.33) or (356/400) or (700/259,258) or (901/47)).CCLS. 3476 ((line\$3 with light) same position) and ((cylindrical or cylinder) with lens) 4377 ((line\$3 with light) same position\$4) and ((cylindrical or cylinder) with lens) 138 4 and 5 15 7 and robot 15 7 and robot	USPAT; US-PGPUB; IBM_TDB 6/23/03 20:29 USPAT; US-PGPUB; IBM_TDB 6/23/03 17:33 USPAT; US-PGPUB; IBM_TDB 6/23/03 20:30 USPAT; US-PGPUB; IBM_TDB 6/23/03 22:23 USPAT; US-PGPUB; IBM_TDB 6/23/03 20:29 USPAT; US-PGPUB; IBM_TDB 6/23/03 20:29
6190 ((359/577,668,710,640,618,740,900) or (396/308,307) or (250/203.1,559.33) or (356/400) or (700/259,258) or (901/47)).CCLS. 171 (359/578).CCLS. 10 6 and 12 robot same ((cylindrical or cylinder) with lens) same position\$4 same 6 dimension\$4 5 ("3852579" "3888362" "4226536" "4337566" "4357833").PN. 10 4602163.URPN. 15 7 and robot 4 9 and refract\$5 1 ("6331885").PN. 1 ("5095386").PN. 2 (("5095386") or ("4602163")).PN. ("3629594" "3861807" "4025200" "4083239" "4192578" "4203652" "4230942" "4253735" "4284994" "4318594" "4372640" "4393408" "4415239" "4429946" "4474438" "4521087" "4589738" "4620768" "4627685" "4636080" "4643516" "4693567" 25 "4720632" "4733944" "4820911").PN. ("3629594" "3861807" "4025200" "4083239" "4192578" "4203652" "4230942" "4253735" "4284994" "4318594" "4372640" "4393408" "4415239" "4429946" "4474438" "4521087" "4589738" "4620768" "4627685" "4636080" "4643516" "4693567" 25 "4720632" "4733944" "4820911").PN.	USPAT; US-PGPUB; IBM_TDB 6/23/03 20:30 USPAT; US-PGPUB; IBM_TDB 6/23/03 20:30 USPAT; US-PGPUB; IBM_TDB 6/23/03 20:30 USPAT; US-PGPUB; IBM_TDB 6/23/03 21:16 USPAT 6/23/03 21:24 USPAT 6/23/03 21:24 USPAT; US-PGPUB; IBM_TDB 6/23/03 22:23 USPAT; US-PGPUB; IBM_TDB 6/23/03 22:24 USPAT; US-PGPUB; IBM_TDB 6/23/03 22:24 USPAT; US-PGPUB; IBM_TDB 6/23/03 22:27 USPAT; US-PGPUB; IBM_TDB 6/23/03 22:27 USPAT 6/23/03 22:51 USPAT 6/23/03 22:59